How to change serpentine belt on **MERCEDES-BENZ Vito Minibus (W639)** – replacement guide

SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
MERCEDES-BENZ Vito Minibus (W639) 111 CDI 2.2, MERCEDES-BENZ Vito Minibus (W639) 115 CDI 2.2, MERCEDES-BENZ Vito Minibus (W639) 109 CDI 2.2, MERCEDES-BENZ Vito Minibus (W639) 109 CDI 2.2 4x4, MERCEDES-BENZ Vito Minibus (W639) 111 CDI 2.2 4x4, MERCEDES-BENZ Vito Minibus (W639) 111 CDI 2.2 (639.701)

The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ ML-Class (W163) ML 270 CDI (163.113)

REPLACEMENT: SERPENTINE BELT – MERCEDES-BENZ VITO MINIBUS (W639). TOOLS YOU MIGHT NEED:



- 12-point socket # 17
- Ratchet wrench
- Fender cover
- Wheel chock

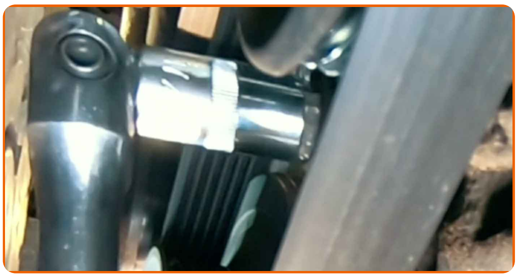
Buy tools

Replacement: serpentine belt – MERCEDES-BENZ Vito Minibus (W639). AUTODOC recommends:

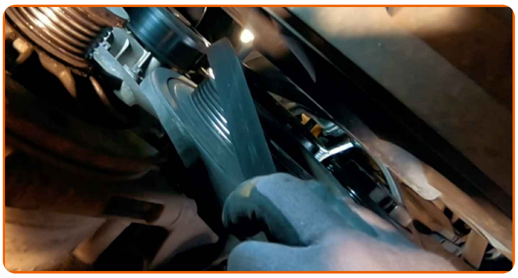
- All work should be done with the engine stopped.

REPLACEMENT: SERPENTINE BELT – MERCEDES-BENZ VITO MINIBUS (W639). USE THE FOLLOWING PROCEDURE:

1. Open the bonnet.
2. Use a fender protection cover to prevent damaging paintwork and plastic parts of the car.
3. Secure the wheels with chocks.
4. Lift the car using a jack or place it over an inspection pit.
5. Pull aside the V-ribbed belt tensioner pulley. Use 12-point socket No.17. Use a ratchet wrench.



6. Remove the V-ribbed belt.



Replacement: serpentine belt – MERCEDES-BENZ Vito Minibus (W639). AUTODOC experts recommend:

- Check the condition of the tensioner pulley and idler pulley. Replace them if necessary.

7 Return the tensioner pulley to its initial position. Use 12-point socket No.17. Use a ratchet wrench.

8 Pull aside the V-ribbed belt tensioner pulley. Use 12-point socket No.17. Use a ratchet wrench.

9 Install the V-ribbed belt.



Replacement: serpentine belt – MERCEDES-BENZ Vito Minibus (W639). Tip from AUTODOC:

- Make sure that the V-ribbed belt fits all pulleys snugly.

10 Return the tensioner pulley to its initial position. Use 12-point socket No.17. Use a ratchet wrench.



11 Lower the car.

12 Remove the jacks and chocks.

13 Run the engine for a few minutes. This is necessary in order to make sure that the component operates properly.



14 Shut off the engine.

15 Remove the fender protection cover.

16 Close the hood.

WELL DONE!

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